
Link Diagnostic (LD 48)

The Link Diagnostic program is used to maintain data links used with various special features and auxiliary data links. Link Diagnostic problems are reported in LNK messages.

LNK messages

LNK0000	Program identifier.
LNK0001	Invalid command. Action: Check data and re-enter command.
LNK0002	Invalid first parameter. Action: Check data and re-enter command.
LNK0003	Invalid second parameter. Action: Check data and re-enter command.
LNK0004	High-speed link does not exist.
LNK0005	Low-speed link does not exist.
LNK0006	Incorrect number of parameters inputted for the command specified. Action: Check data and re-enter command.
LNK0007	Invalid data keyed in. Check data and re-enter command.
LNK0008	The SDI for the high-speed link or low-speed link is not enabled. Action: Use the ENL command to enable the SDI and re-enter the command.
LNK0009	Invalid parameter 3.

LNK0010	IMS/IVMS package not equipped.
LNK0011	IMS/IVMS package and ACD-D not equipped.
LNK0012	ACD-D package not equipped.
LNK0013	APL number out-of-range.
LNK0014	Not an APL link.
LNK0015	APL Logical Unit not found.
LNK0016	Attendant Logical Terminal Number (LTN) out-of-range.
LNK0017	Customer number does not exist.
LNK0018	Unknown configuration.
LNK0019	Invalid link specified.
LNK0020	Not a valid option.
LNK0021	APL is down.
LNK0022	Customer number not defined.
LNK0023	Attendant LTN not defined.
LNK0024	Directory Numbers (DN) not defined.
LNK0025	Cannot allocate Call Register.
LNK0026	Confirmation not sent. Cannot allocate Call Register.
LNK0027	No response from AUX on last SEND.
LNK0028	Cannot link to IMS/IVMS output queue.
LNK0029	No APL exists in the system.
LNK0030	No APL SDI exists in the system.
LNK0031	APL is up but queue is full.
LNK0032	Interface pack failed to respond.
LNK0033	Interface pack has permanent interrupt.

LNK0034	Phantom message monitor input at application program link.
LNK0035	Phantom message monitor input (AIM link).
LNK0036	Phantom message from message monitor output queue at application program link.
LNK0037	Phantom message from message monitor output queue at AIM link.
LNK0038	Phantom message from packet monitor output at application program link.
LNK0039	Phantom message from packet monitor output at AIM link.
LNK0040	Phantom message from packet monitor input at application program link.
LNK0041	Phantom message from packet monitor input at AIM link.
LNK0042	Message from message monitor output at an illegal link.
LNK0043	Message from message monitor input at an illegal link.
LNK0044	Bad packet message received at application program link.
LNK0045	Bad packet message received at AIM link.
LNK0046	Packet received on application program link does not match with packet sent from AIM.
LNK0047	Packet received on AIM link does not match with packet sent from application program.
LNK0048	Invalid password.
LNK0049	Process ID out-of-range.
LNK0050	Process ID not set.
LNK0051	ESDI number is out-of-range.
LNK0052	Information Services (IS) package is not equipped. Command Status Link (CSL) is not equipped.
LNK0053	Command is not valid for ESDI async port.
LNK0054	Command is not valid if one of the ports is asynchronous.

LNK0055	Command is not valid at current state (e.g., the CON ESDI n command can only be entered if the ESDI is in the ENABLED state).
LNK0056	ESDI logical unit not found.
LNK0057	ESDI_CSL_CRPTR is nil.
LNK0058	ESDI are not in simulator loop around mode. Error message for SMLP command.
LNK0059	For SMLP command, both ports have to be in IDLE state. This indicates one of the ports is not in IDLE state.
LNK0060	ESDI hardware does not respond. The pack may not be plugged in correctly or the device address may be incorrect.
LNK0061	ESDI permanent interrupt.
LNK0062	For SMLP command, ports have to be configured for loop back simulator. Issue CNFG command first.
LNK0063	ESDI is not in CONNECTED state. For DSC ESDI N and ENL CMS N commands, the ESDI has to be in CONNECTED state.
LNK0064	There is no response to the polling message.
LNK0065	For SWCH CMS N1 N2 command, N1 should be in ACTIVE state.
LNK0066	For SWCH CMS N1 N2 command, N2 should be in STANDBY state.
LNK0067	For SWCH CMS N1 N2 command, both links should belong to the same external Server address (VASID).
LNK0068	Invalid ESDI state for the given port or its pair when self test (SLFT) command is issued.
LNK0080	CSL simulator command is not valid until SIM command has been entered.
LNK0081	CSL IO data block not built. This port is defined as CSL port, but no TTY IO block exists. Action: To correct this, either: 1. manually init, or 2. go through LD 17 entering {cr} to every prompt
LNK0082	This port is not defined as a CSL link

Action: To configure it as a CSL link, in LD 17:

1. add "USER" "CMS" under "IOTB" prompt
2. add port to "CMS" under "VAS" prompt

LNK0083	This CSLSIM message could not be sent because it could not be linked to the CSL output queue.
LNK0084	Input out-of-range.
LNK0085	Current CSLSIM message has a message length of zero.
LNK0086	Incoming CSL message does not match the stored one.
LNK0087	CSL message type is not defined.
LNK0088	CSI link is not active.
LNK0089	Comm TN failed TN translation.
LNK0090	Comm TN out-of-range.
LNK0092	Invalid HEX input.
LNK0100	Loop number out of range for ENIT/ENXT commands.
LNK0101	Incorrect loop type. Depending on the command, the loop must be TERM, DTI, DLI or MISP.
LNK0102	Shelf number out-of-range.
LNK0103	Card number out-of-range.
LNK0104	Card is not configured.
LNK0105	Unit number is out-of-range.
LNK0106	Maximum number of links configured for selection criteria.
LNK0107	Maximum number of TNs stored for link.
LNK0108	All priorities or message types are out-of-range.
LNK0109	Input/Output block does not exist.
LNK0110	SDI pack is not responding.

LNK0111	CND link not configured.
LNK0132	Superloop number must be a multiple of 4.
LNK0133	Incorrect password for MISP message monitor.
LNK0200	You can not disable the input device because it is currently in use.
LNK0201	This is not a CCR link.
LNK0202	This is not a CSL link.
LNK0203	This is not an APL link.
LNK0204	ICP package not equipped.
LNK0205	No ICP links exist in the system.
LNK0206	There is no MCR available for ICPM.
LNK0207	Message type out-of-range: 0-3, 50-61.
LNK0210	Failed to execute the ENL AML # MDL command. Action: Try the command again.
LNK0211	AML number is out-of-range.
LNK0212	Failed to execute the DIS AML # MDL command. Action: Try the command again.
LNK0213	The command cannot be executed. The input command is illegal.
LNK0214	The command cannot be executed because the CSL package is not equipped.
LNK0215	The command cannot be executed because illegal number of parameters was typed.
LNK0216	The command cannot be executed because the AML number is not valid.
LNK0217	The command cannot be executed because of a syntax error in the command line.
LNK0218	The command cannot be executed because logical AML I/O pointer cannot be setup.
LNK0219	The card type on which the AML is configured is not an MSDL card.

LNK0220	The command cannot be executed because the MSDL card is disabled.
LNK0221	The AML command cannot be processed when the link is disabled or is in process of being disabled.
LNK0222	The command can only be executed when the MSDL AML is in the establish state.
LNK0223	Failed to execute the ENL AML # MON command. Action: Try the command again.
LNK0224	Command not executed. AML application layer (i.e., layer 7) is already enabled or is in process of being enabled.
LNK0225	Command not executed. AML application layer (i.e., layer 7) is already disabled.
LNK0226	Failed to execute the DIS AML # MON command. Action: Try the command again.
LNK0227	Failed to execute the UPLD AML # TBL# command. Action: Try the command again.
LNK0228	The AML is in process of link reset. Action: Wait until the process is finished, then execute the command again.
LNK0229	The command can not be executed because the given card type is not ESDI.
LNK0230	STA number is either out of range or does not exist.
LNK0231	STA package is not equipped.
LNK0232	MSDL card is not operational.
LNK0233	Overlay command failed.
LNK0234	Incorrect number of parameters.
LNK0235	Cannot set up MSDL pointers.
LNK0236	Cannot set up STA related pointers.
LNK0237	STA application is enabled, but the administration terminal is not.
LNK0238	STA application is disabled, but the administration terminal is not.

LNK0239	STAT STA command failed.
LNK0241	You cannot disable that STA application from the STA administration terminal.
LNK0266	The Voice Mailbox Administration package is not equipped.
LNK0267	Cannot set up Voice Mailbox Administration application related pointers. Action: Be sure the application is configured.
LNK0268	The Voice Mailbox Administration application is already enabled. Action: Get the status of VMBA in LD 48. It may be necessary to disable then reenale the application. CAUTION: Prior to disabling the application, be sure no audits, uploads, or updates are in process. These will be lost when the application is disabled.
LNK0269	A mailbox database audit or upload is in progress. Only one process at a time can be activated. Action: Use the STAT command in LD 48 to get application status information.
LNK0270	Cannot activate an upload or audit while the Voice Mailbox Administration application is inactive. Action: Enable the application prior to performing an audit, or upload.
LNK0271	The Voice Mailbox Administration application is already disabled.
LNK0272	When the Voice Mailbox Administration application is disabled, the audit, upload, and update function are also disabled.
LNK0273	Invalid DN type for the audit or upload command. The DN type must be SCR, SCN, MCR, or MCN.
LNK0274	That DN is not configured with a Voice Mailbox, and cannot be audited.
LNK0275	Invalid password for UIPE BRIT debug option (Overlay 48).
LNK0277	Access database error.
LNK0278	ENL or DIS operation failed.
LNK0279	Set subnet mask operation failed.

LNK0283	STAT SDI LOW, ENL SDI LOW and DIS SDI LOW are invalid commands on Option 11C.
LNK0290	Server Task cannot be disabled when the elan link is active.